

Work Order ID 63979

Monday, November 22, 2010

Page 1

Item ID:

Revision ID:

Item Name:

Draw Nbr:

Start Date: 11/22/2010 1:

Start Qty: 1.0000

Revision Nbr:

Required Date: 11/23/2010

Reqd Qty: 1.0000

Reference: ECN 10-645

Cust Item ID:

Customer ID:

Description: UPDATE PAPERWORK : D204-635-041 X 2, D205-634-041 X 4, D205-634-045 X 1, D205-634-011 X 10
PER ECN 10-645

Sales Order:

Approvals:

Process Plan:

Date:

10-11-22

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Hours

Sequence Work Center Operation

Set Up

Run

Tool ID

Tool #

Plan

Accept

Reject

Reject

Insp.

10/11/22

10-11-22

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 10.11.17	Job No.: RD1338NOV	ADR Yes/No: Y	ADR Date: 10.11.03	ECN #: 10-645
Product No.: Skidtubes		Created By: CP	Approved By: <i>AD</i>	
Product Name: D204-635, D205-634		Checked By: <i>AD</i>	General Manager Approval:	

Distribution	Reqd	Resp	Initial / Date
Production Manager / Coord.	Y	LL	
Purchasing Coord.	N		
Production Engineering Coord.	Y	EC/DD	

Distribution	Reqd	Resp	Initial / Date
DQA / QA Coord.	N		
QC Coordinator	Y	JM	
Customer Technical Support	Y	MB	
Marketing	Y	SW	
Customer Order Processing	N		

Reason for Change:
Xbolts now swaged to save production cost

Documents Affected:
DEO-D2590-D-1
DEO-D2580-D-1
DSI 9519 Rev. B
D4202 Rev. A

PARTS MUST COMPLY

☐

PREVIOUS PARTS SATISFACTORY

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#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	Y	CP		
6	Update Product Compatibility Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files	Y	KJ		10.11.18 <i>KJ</i>
11	Update Blue/Pink/DSI Folder and Electronic Files	Y	KJ		10.11.18 <i>KJ</i>
12	Update Approved/Preliminary PDF Files	Y	KJ		10.11.18 <i>KJ</i>
13	Update Document Record (DR)	Y	KJ	Rev. M	10.11.18 <i>KJ</i>
14	Update Product Development Summary	Y	MP		
15	Update QSI 021 and/or STC Approval List	N			
16	Update Parts / STC Database	Y	KJ		10.11.18 <i>KJ</i>
17	Update / Verify ARC Database	Y	KJ		10.11.18 <i>KJ</i>
18	Create / Update Change Record Form / Item Card Database	Y	KJ		10.11.18 <i>KJ</i>
19	Create / Update PPP's	Y	KJ		10.11.18 <i>KJ</i>
20	Update Document Control Database / Laminated Dwgs	Y	KJ	as req'd	N/A <i>KJ</i>
21	Update Grey Project / Electronic Binder PDF Files	Y	KJ		10.11.18 <i>KJ</i>
22	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		10.11.18 <i>KJ</i>
23					
24					

Description / Action:

- DEO released to change 205/204 skids to swaged x-bolt spacers
- D4202 Rev. A, adds new xbolt spacers for swaging
- DSI 9519 Rev. B adds more info for customer, add to kits in stock
- D204-635-011 @ CHG 008, D204-635-041 @ CHG 003, D205-635-011 @ CHG 008, D205-635-015 @ CHG 007, D205-634-041/-045 @ CHG 003

-DSI 9519-011 @ CHG001

-634-0118 @ CHG008

-041DG
-041G @ CHG003

MF 10-11-22
#6379

ECN Verified & Complete: _____

Date: _____

List Lots

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Monday, November 22, 2010 11:21:28 AM

Criteria : Item ID: d204-635-011 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt Lot Code	Type Code	Comments
D204-635-011 Skidtube	HONG KONG FG	29957	5/4/2010	1.0000	QC21	CHG004	Paperwork not updated in HK
	HONG KONG FG	29959	5/4/2010	1.0000	QC21	CHG004	Paperwork not updated in HK
	Main Warehouse FG	54615	12/15/2009	0.0000	QC21	CHG007	
Total:				2.0000			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

List Lots

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Monday, November 22, 2010 11:21:36 AM

Criteria : Item ID: d204-635-041 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt Lot Code	Type Code	Comments
D204-635-041 Replacement Skidtube	Main Warehouse MEZZ	20000	5/4/2010	1.0000	QC21	CHG001	
	Main Warehouse MEZZ	21564	5/4/2010	1.0000	QC21	CHG001	
Total:				2.0000			

10/11/22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

List Lots

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- Monday, November 22, 2010 11:21:59 AM

Criteria : Item ID: d205-634-041 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Lot Code	Type Code	Comments
D205-634-041 Replacement Skidtube	Main Warehouse FG	56133	3/10/2010	0.0000		QC21	CHG002	
	Main Warehouse FG	56134	3/11/2010	0.0000		QC21	CHG002	
	Main Warehouse FG	56135	3/5/2010	0.0000		QC21	CHG002	
	Main Warehouse FG	56136	3/5/2010	0.0000		QC21	CHG002	
	Main Warehouse FG	56137	3/10/2010	0.0000		QC21	CHG002	
	Main Warehouse FG	56565	3/11/2010	0.0000		QC21	CHG002	
	Main Warehouse FG	56566	3/11/2010	0.0000		QC21	CHG002	
	Main Warehouse FG073	60743	11/11/2010	1.0000		QC21	CHG002	
	Main Warehouse FG073	60744	11/11/2010	1.0000		QC21	CHG002	
	Main Warehouse FG073	61104	11/11/2010	1.0000		QC21	CHG002	
	Main Warehouse FG073	62883	11/11/2010	1.0000		QC21	CHG002	

10/11/22
50

Total: 4.0000

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

List Lots

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Criteria : Item ID: d205-634-045 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Lot Code	Type Code	Comments
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D205-634-045 Replacement Skidtube	Main Warehouse MEZZ	12245 ✓	4/27/2010	1.0000		QC21	CHG001	
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Total: 1.0000

12/11/23
SP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

List Lots

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Criteria : Item ID: d205-634-011 All Locations All Warehouses All Quantity							
Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt Lot Code	Type Code	Comments
D205-634-011 Skidtube	HONG KONG FG	38585	11/3/2010	1.0000	QC21	CHG005	Paperwork not updated in HK
	HONG KONG FG	38636	11/3/2010	1.0000	QC21	CHG005	Paperwork not updated in HK
	HONG KONG FG	38637	11/3/2010	1.0000	QC21	CHG005	Paperwork not updated in HK
	HONG KONG FG	39514	11/3/2010	1.0000	QC21	CHG005	Paperwork not updated in HK
	HONG KONG FG	39517	11/3/2010	1.0000	QC21	CHG005	Paperwork not updated in HK
	HONG KONG FG	39753	11/3/2010	1.0000	QC21	CHG005	Paperwork not updated in HK
	HONG KONG FG	39987	11/3/2010	1.0000	QC21	CHG005	Paperwork not updated in HK
	HONG KONG FG	40142	11/3/2010	1.0000	QC21	CHG005	Paperwork not updated in HK
	HONG KONG FG	40143	11/3/2010	1.0000	QC21	CHG005	Paperwork not updated in HK
	HONG KONG FG	40146	11/3/2010	1.0000	QC21	CHG005	Paperwork not updated in HK
	Main Warehouse FG	55399 ✓	3/5/2010	0.0000	QC21	CHG007	
	Main Warehouse FG073	61350 ✓	11/3/2010	1.0000	QC21	CHG007	
	Main Warehouse FG073	61420 ✓	11/3/2010	1.0000	QC21	CHG007	
	Main Warehouse FG073	61422 ✓	11/3/2010	1.0000	QC21	CHG007	

10/11/2010
SP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

List Lots

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Monday, November 22, 2010 11:21:16 AM

Criteria : Item ID: d205-634-011 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Lot Code	Type Code	Comments
D205-634-011 Skidtube	Main Warehouse FG073	61729 ✓	11/3/2010	1.0000		QC21	CHG007	
	Main Warehouse FG073	61731 ✓	11/3/2010	1.0000		QC21	CHG007	
	Main Warehouse FG073	61954 ✓	11/3/2010	1.0000		QC21	CHG007	
	Main Warehouse FG073	61956 ✓	11/3/2010	1.0000		QC21	CHG007	
	Main Warehouse FG073	62175 ✓	11/3/2010	1.0000		QC21	CHG007	
	Main Warehouse FG073	62374 ✓	11/3/2010	1.0000		QC21	CHG007	
	Main Warehouse Return 2010	60102 ✓	11/4/2010	1.0000		QC21	CHG007	

Total: 20.0000

Handwritten signature/initials

Monday, November 22, 2010 11:21:16 AM

List Lots

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries